

RAW SEQUENCE LISTING

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Application Serial Number: _____

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10/578,700

IFWP

05/18/2006

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/578,700

DATE: 05/18/2006

TIME: 10:26:41

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05182006\J578700.raw

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3 <110> APPLICANT: BioVentures, Inc.
4     Dawson, Elliot P.
5     Womble, Kristie E.
7 <120> TITLE OF INVENTION: Chromosome 5 Genetic Variants Related to Dyslexia
9 <130> FILE REFERENCE: 14160-1US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/578,700
C--> 11 <141> CURRENT FILING DATE: 2006-05-09
11 <150> PRIOR APPLICATION NUMBER: 60/520,366
12 <151> PRIOR FILING DATE: 2003-11-14
14 <150> PRIOR APPLICATION NUMBER: PCT/US04/37850
15 <151> PRIOR FILING DATE: 2004-11-12
17 <160> NUMBER OF SEQ ID NOS: 25
19 <170> SOFTWARE: PatentIn version 3.2
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 3664
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
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29 attcatcatg tgcatacaag gccattctgt gtttcctact cttgccttgg gctcatcatt      120
31 attaattctg aattccattt gttcttcact ttttgaatat gtctgtttag ttgactgtag      180
33 tgccactggc aggaccatgt gccaggaaa tccaagactc atatttggac gaaagctatg      240
35 tccacttttc aactagtacc cctacccaaa ttaccatagc aacccaaaaa ttgcagatgc      300
37 ctacattcta gaatcatgtt ctaaagggat gtcatcattt acaaaatgtc tttgttgagt      360
39 ctgaatgggt caaacaatag caaaaaagga ttatttctct cttggacatt tcaaagtact      420
41 atgacacaaa atatccaaga cttgttatgg tgaggagcca agtggaatgg aaaggacagc      480
43 tcatcccggc ggctgggagt gcatgcacac acatgcccc tttttcttgc ctactaacag      540
45 gatctataga aggcgtacat aatgagtatg taggggactt ggctgcttgc agttaggaat      600
47 gagacactga tatggttgga atatagtaag agaaaaaggg aggtctttct taaaaaacgg      660
49 ttttgtgtaa aaatagagat ggcacttaat ggatatcata ttagcaggct ccctggacaa      720
51 atacatagag ccaaaacttc tcatcgatta gccacctctt caagtttagg ggttgaaaat      780
53 ctgaaacaa tacaaacatg gtatctctct gaaaaggaga taacgtaaaa gttatcacat      840
55 attaatataa tgtgtatgaa taaattgaca agctgggttag aaattagaaa taaaagtctt      900
57 gaggcaataa aagaggtaat aacataggca aaaagagctc ttcttctgga gagtggttgt      960
59 agatggagta aacaagttta ggtactgaac tgagaatagc acatggatag accaattgtg     1020
61 gatgaaggag actaaagaga ggtttaacga atattgaaat gaacctccag gtaggttgta     1080
63 tttattagtt tgctgggaac aagctgcttt tctctctcct gtgaagcagg aaggcaaatt     1140
65 tctagtggct ttccaaagga aatgggaaat ctaaggaaat ggtttgatac cagagtgttc     1200
67 tcttaggtt tattttaatg atggacttaa agatactttc ctatactcat gagctatgtt     1260
69 gtctctgata ttctttggtg tattttacca aaaagataga ataggtgcc caagtattaa     1320
71 aaattttaga ctctcagag cattacaaaa aacaagcaca aaatagaagc ctaatatgca     1380
73 gggaaagtca ctgaccatgc ctttggtact gctgattgta ttgcagagca agagatggac     1440
75 cctgagggta cttgaagcca acaagtttca cttctggaaa aagacttcag aatatgagtt     1500

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77 taaaatataa aaaggaatt tgagccaaga cacaagaaca aacttttttt gacaattata 1560
79 tctttattat tcctcttaca gagctacatt tactcttact aagtttcaga gtcaggtagt 1620
81 aatttacagt aagactgaat taccatccat aacgtagat gtccttattg aaacttcaac 1680
83 atcatttcca aatatcagca ttagcattgt gcttgacatt catttaacga agttactgaa 1740
85 aatctattaa gtataagaca tcagttatgt ttaatagaag tttctgaaaa catttcagca 1800
87 aaatagcctg ttgagaaaaa tgtgtatgct gaaaaaaaaa aatgaacaaa taggaaagcc 1860
89 tggttcacaa acaggtgtca gggaaataga cagtactttt atagtaataa cataagaaca 1920
91 aacttcttga aggtaagttt tattaaataa taggacaaca acaagataaa atgacttctt 1980
93 cctgatattt atatatgat tgctggctgg tcataagact gtttttaggc aacgtgtttt 2040
95 gaaaaaccag aaagtctact acctgagtt ttcagccacg tgagaatagc aagattcagt 2100
97 gtttatactt gatagcatct taattaggcc tacaggcctc cttttcacat aactaccttc 2160
99 aagtttatga cagctcaaac tcacaattat cattatggag aagagagaag agttaagcta 2220
101 aaaacagacc actttcagag gacctgaaag caacgtaatc agtcacctat tgccatatac 2280
103 aagccacccc caaacataat gacttaaaac agcgatcatc tattattgct tatgagtctc 2340
105 tgagtcagct gaacattcct gctgatctgg gcttggttag gcttatttta gctgtgttca 2400
107 ttcttggctc gcagatagct gacaatcacc taggggctga ctgtaggcat tccagctgag 2460
109 atatgctctc tgtgtctttt atccttttagc aggaggaggc ttgctcacag ggtggttaca 2520
111 ggcattccaag agagtcagca taaatgtgaa aagtttccaa aatatcagat tcagtcctat 2580
113 gtaatctggg ttccattgca ttctcttggc cagagcaagt tgcaagacaa gtccaaattc 2640
115 aagaagggtc agaaatacac tccatctcca ggtaggagaa gctgcaaaga actgtgacaa 2700
117 tctatgacaa atagtatgtt caaagggaat aatatgggaa gatgtgccct ccgccaactt 2760
119 ctcagggaaa aatacagctt ttgtaatat tagtaataa gactgtctaa tatttctaga 2820
121 gaaatctatg actttgagtt gaaatatctg aggccaacac tccaagcaat tttaaacaag 2880
123 tgggtgacaga aattaccaga cacacatcaa gactcaagta taaagctata caatttaagg 2940
125 atgctcagca aatgttactg aattgactgg gtagtcccta aagagctgaa gaataaaaga 3000
127 tgttatgaga aatccaacaa taccaaatat aaattgcctc aggttctgaa atattcaata 3060
129 aagtattctc actgtagttc cttcagctta gctgatttgg actttggctg tgaaaacatt 3120
131 atcctcagtg tttaaaagggt tggaaaattc tactgggtct ttggcccaac ctggaattaa 3180
133 atcctgatgc ttagaacctc aaagtctaaa atcttctatt gtcactttac agagctattg 3240
135 aaacatatta ataaacttgt atcatactga tttgattcta atttttgtgg gacattgttt 3300
137 aaaaattgtt gaaatgcata tatggaaaat tgatttttta agtaaagtga taacttttaa 3360
139 aattgtatcc tacatctaac tccaaataaa ggtttaaaaa caactatgag caatataagt 3420
141 aatacattta aaatacatth aagagaaaga taaggaaaaa aggaatgact catgaagggt 3480
143 agtacacaat ctatgcatct tgaatatatt cacacttacc aagtatttgg ctccagggtt 3540
145 tctggcagct aatgcaaaga gaggaacaga atcaagtttc atggtattat ctggtagact 3600
147 gtggaagcta tagcatttct gccccctcat gttttcacat tcccccttag agaacagcac 3660
149 aata 3664
152 <210> SEQ ID NO: 2
153 <211> LENGTH: 22
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: synthetic primer
160 <400> SEQUENCE: 2
161 actaagaagt gcattagtcg gg 22
164 <210> SEQ ID NO: 3
165 <211> LENGTH: 20
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence

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169 <220> FEATURE:
170 <223> OTHER INFORMATION: synthetic primer
172 <400> SEQUENCE: 3
173 ttctgtgct ctagcttgct                                20
176 <210> SEQ ID NO: 4
177 <211> LENGTH: 20
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: synthetic primer
184 <400> SEQUENCE: 4
185 tgcaaatcta tgctgcaaaa                                20
188 <210> SEQ ID NO: 5
189 <211> LENGTH: 20
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: synthetic primer
196 <400> SEQUENCE: 5
197 ggttgccctaa tcacgagaaa                                20
200 <210> SEQ ID NO: 6
201 <211> LENGTH: 25
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: synthetic primer
208 <400> SEQUENCE: 6
209 ccaaaggctt ggtgatttag tggac                            25
212 <210> SEQ ID NO: 7
213 <211> LENGTH: 25
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: synthetic primer
220 <400> SEQUENCE: 7
221 ctagattgaa ggccagaaaa catgc                            25
224 <210> SEQ ID NO: 8
225 <211> LENGTH: 19
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: synthetic primer
232 <400> SEQUENCE: 8
233 aacatcttag ggcacctg                                    19
236 <210> SEQ ID NO: 9
237 <211> LENGTH: 25
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:

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242 <223> OTHER INFORMATION: synthetic primer
244 <400> SEQUENCE: 9
245 aatgatttaa aatagattag gagca
248 <210> SEQ ID NO: 10
249 <211> LENGTH: 62
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 10
255 Met Val Arg Ser Gln Val Glu Trp Lys Gly Gln Leu Ile Pro Ala Ala
256 1 5 10 15
259 Gly Ser Ala Cys Thr His Met Pro Pro Phe Ser Cys Leu Leu Thr Gly
260 20 25 30
263 Ser Ile Glu Gly Val His Asn Glu Ala Ser Cys Lys Thr Ser Pro Asn
264 35 40 45
267 Ser Arg Arg Ser Arg Asn Thr Leu His Leu Gln Arg Asn Leu
268 50 55 60
271 <210> SEQ ID NO: 11
272 <211> LENGTH: 45
273 <212> TYPE: PRT
274 <213> ORGANISM: Homo sapiens
276 <400> SEQUENCE: 11
278 Met Val Arg Ser Gln Val Glu Trp Lys Gly Gln Leu Ile Pro Ala Ala
279 1 5 10 15
282 Gly Ser Ala Cys Thr His Met Pro Pro Phe Ser Cys Leu Leu Thr Gly
283 20 25 30
286 Ser Ile Glu Gly Val His Asn Glu Ala Arg Asp Gly Pro
287 35 40 45
290 <210> SEQ ID NO: 12
291 <211> LENGTH: 189
292 <212> TYPE: DNA
293 <213> ORGANISM: Homo sapiens
295 <400> SEQUENCE: 12
296 atggtgagga gccaaagtga atggaaagga cagctcatcc cggcggtgagg gagtgcacgc 60
298 acacacatgc cccctttttc ttgcctacta acaggatcta tagaaggcgt acataatgaa 120
300 gcaagttgca agacaagtcc aaattcaaga aggtcaagaa atacactcca tctccagaga 180
302 aatctatga 189
305 <210> SEQ ID NO: 13
306 <211> LENGTH: 138
307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 13
311 atggtgagga gccaaagtga atggaaagga cagctcatcc cggcggtgagg gagtgcacgc 60
313 acacacatgc cccctttttc ttgcctacta acaggatcta tagaaggcgt acataatgaa 120
315 gcaagagatg gaccctga 138
318 <210> SEQ ID NO: 14
319 <211> LENGTH: 20
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:

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324 <223> OTHER INFORMATION: synthetic primer
326 <400> SEQUENCE: 14
327 cccaggaaat ccaagactca                                20
330 <210> SEQ ID NO: 15
331 <211> LENGTH: 21
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: synthetic primer
338 <400> SEQUENCE: 15
339 ctccttcacac cacaattggt c                                21
342 <210> SEQ ID NO: 16
343 <211> LENGTH: 21
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: synthetic primer
350 <400> SEQUENCE: 16
351 tcacgcgatta gccacctctt c                                21
354 <210> SEQ ID NO: 17
355 <211> LENGTH: 21
356 <212> TYPE: DNA
357 <213> ORGANISM: Artificial Sequence
359 <220> FEATURE:
360 <223> OTHER INFORMATION: synthetic primer
362 <400> SEQUENCE: 17
363 tgtcaagcac aatgctaata c                                21
366 <210> SEQ ID NO: 18
367 <211> LENGTH: 23
368 <212> TYPE: DNA
369 <213> ORGANISM: Artificial Sequence
371 <220> FEATURE:
372 <223> OTHER INFORMATION: synthetic primer
374 <400> SEQUENCE: 18
375 gggttgatac cagagtgttc tcc                                23
378 <210> SEQ ID NO: 19
379 <211> LENGTH: 21
380 <212> TYPE: DNA
381 <213> ORGANISM: Artificial Sequence
383 <220> FEATURE:
384 <223> OTHER INFORMATION: synthetic primer
386 <400> SEQUENCE: 19
387 gtcttatgac cagccagcaa t                                21
390 <210> SEQ ID NO: 20
391 <211> LENGTH: 21
392 <212> TYPE: DNA
393 <213> ORGANISM: Artificial Sequence
395 <220> FEATURE:
396 <223> OTHER INFORMATION: synthetic primer

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/578,700

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Input Set : A:\Sequence Listing.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date